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| **INTERNATIONAL HYDROGRAPHIC**  **ORGANIZATION** | **INTERGOVERNMENTAL OCEANOGRAPHIC**  **COMMISSION (of UNESCO)** |

**UNDERSEA FEATURE NAME PROPOSAL**

(See **NOTE** overleaf)

Note: The boxes will expand as you fill the form.

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| **Name Proposed:** | Yaus Basin | **Ocean or Sea:** | Philippine Sea |

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| **Geometry** that best defines the feature (Yes/No) : | | | | | | |
| Point | Line | Polygon | Multiple points | Multiple lines\* | Multiple polygons\* | Combination of geometries\* |
|  |  | Yes |  |  |  |  |

*\* Geometry should be clearly distinguished when providing the coordinates below.*

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|  | Lat. (degrees, north) | Long. (degrees, east) |
| **Coordinates:** | 12° 15' 55.749" N  12° 18' 50.497" N  12° 23' 48.596" N  12° 28' 59.544" N  12° 30' 47.476" N  12° 33' 21.665" N  12° 34' 25.911" N  12° 33' 49.933" N  12° 31' 13.174" N  12° 27' 37.310" N  12° 23' 33.177" N  12° 20' 10.161" N  12° 18' 35.078" N  12° 17' 05.134" N  12° 16' 13.738" N  12° 15' 50.610" N  12° 16' 21.447" N  12° 16' 06.029" N  12° 15' 04.353" N  12° 14' 28.375" N  12° 14' 59.213" N  12° 17' 59.101" N  12° 21' 24.686" N  12° 23' 28.037" N  12° 23' 53.735" N  12° 23' 58.875" N  12° 23' 30.607" N  12° 19' 13.625" N  12° 17' 10.274" N  12° 15' 48.040" N  12° 15' 40.330" N | 135° 07' 27.456" E  135° 06' 18.070" E  135° 06' 00.082" E  135° 06' 41.199" E  135° 07' 14.606" E  135° 08' 31.701" E  135° 10' 35.052" E  135° 12' 28.124" E  135° 14' 31.476" E  135° 16' 14.268" E  135° 18' 30.469" E  135° 19' 01.306" E  135° 18' 12.480" E  135° 18' 17.619" E  135° 18' 22.759" E  135° 16' 45.106" E  135° 15' 51.140" E  135° 14' 59.744" E  135° 14' 49.464" E  135° 14' 26.336" E  135° 13' 11.811" E  135° 12' 56.392" E  135° 12' 30.694" E  135° 12' 40.973" E  135° 12' 33.264" E  135° 11' 49.577" E  135° 11' 23.879" E  135° 10' 24.773" E  135° 10' 24.773" E  135° 09' 56.505" E  135° 08' 47.120" E |

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| **Feature Description:** | Maximum Depth : | 4763 m | Steepness : | N/A |
| Minimum Depth : | 4350 m | Shape : | V-shaped |
| Total Relief : | 413 m | Dimension/Size : | 37 km x 20 km |

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| **Associated Features:** | Adjacent to the Kobayashi Basin and Ridge Province |

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| **Chart/Map References:** | Shown Named on Map/Chart: | None |
| Shown Unnamed on Map/Chart: | None |
| Within Area of Map/Chart: | None |

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| **Reason for Choice of Name** (if a person, state how associated with the feature to be named)**:** | Yaus is the Palauan name for the Lined Sweetlips, which is found on reefs throughout Palau. |

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| **Discovery Facts:** | Discovery Date: | Jun. 2007 |
| Discoverer (Individual, Ship): | S/V Shoyo (HODJ) |

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| **Supporting Survey Data, including Track Controls:** | Date of Survey: | Jun. 2007 |
| Survey Ship: | S/V Shoyo (HODJ)) |
| Sounding Equipment: | Multibeam echo sounder  Seabeam 2112 |
| Type of Navigation: | GPS without Selective Availability |
| Estimated Horizontal Accuracy (nm): | 0.014 nm (26 m) |
| Survey Track Spacing: | 6 nm |
| Supporting material can be submitted as Annex in analog or digital form. | |

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| **Proposer(s):** | Name(s): | David K. Idip, Jr. and Takamatsu Emesiochel |
| Date: | August 17, 2018 |
| E-mail: | davididip@gmail.com |
| Organization and Address: | Territory and Boundary Task Force, Office of the President, Republic of Palau |
| Concurrer (name, e-mail, organization and address): |  |

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| **Remarks:** | We used GMT and GeoMapApp software to visualize the bathymetric data. QGIS and ArcMap were the preferred GIS software. |

**NOTE** : This form should be forwarded, when completed :

a) **If the undersea feature is located inside the external limit of the territorial sea** :-

to your "National Authority for Approval of Undersea Feature Names" (see page 2-9) or, if this does not exist or is not known, either to the IHB or to the IOC (see addresses below);

b) **If at least 50 % of the undersea feature is located outside the external limits of the territorial sea**  :-

to the IHB or to the IOC, at the following addresses :

|  |  |
| --- | --- |
| International Hydrographic Bureau (IHB)  4, Quai Antoine 1er  B.P. 445  MC 98011 MONACO CEDEX  Principality of MONACO  Fax: +377 93 10 81 40  E-mail: [info@ihb.mc](mailto:info@ihb.mc) | Intergovernmental Oceanographic Commission (IOC)  UNESCO  Place de Fontenoy  75700 PARIS  France  Fax: +33 1 45 68 58 12  E-mail: [info@unesco.org](mailto:info@unesco.org) |

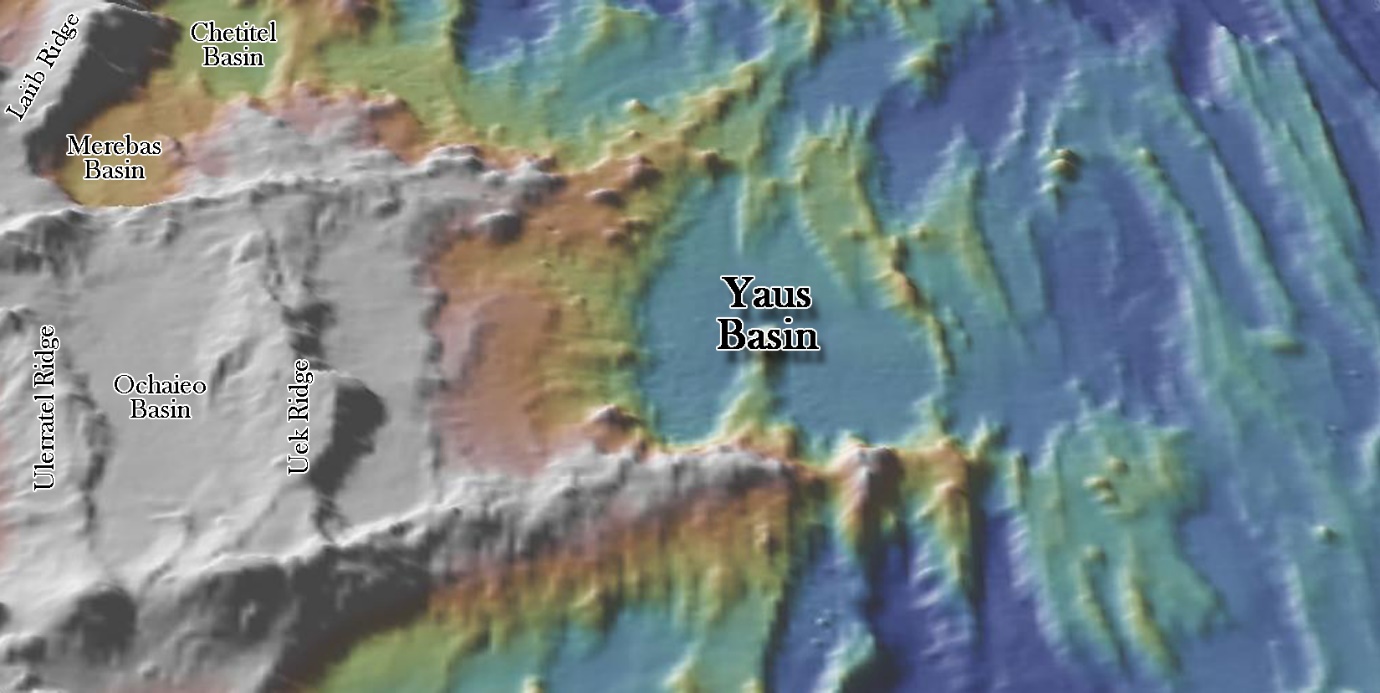


Fig. 1. Bathymetric 3D image of Yaus Basin and its vicinity.

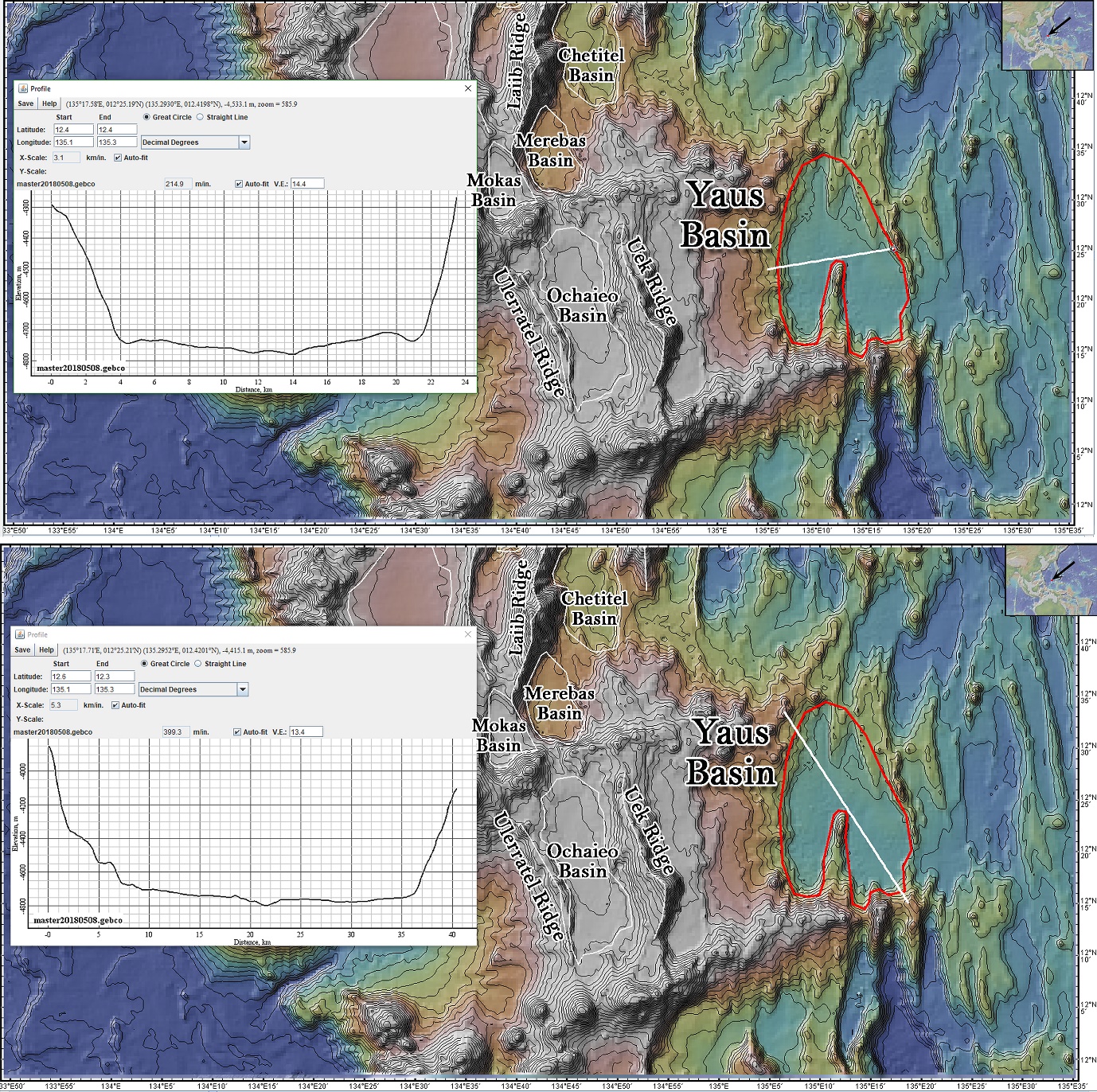


Fig. 2. Bathymetric profile across Yaus Basin. The polygon that defines the basin is also shown. Contours in 100 m intervals.



Fig. 3. Picture of a Lined Sweetlips (Yaus)